

FIG. 1B

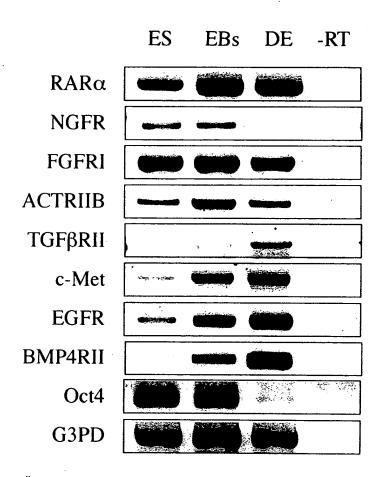


FIG. 2

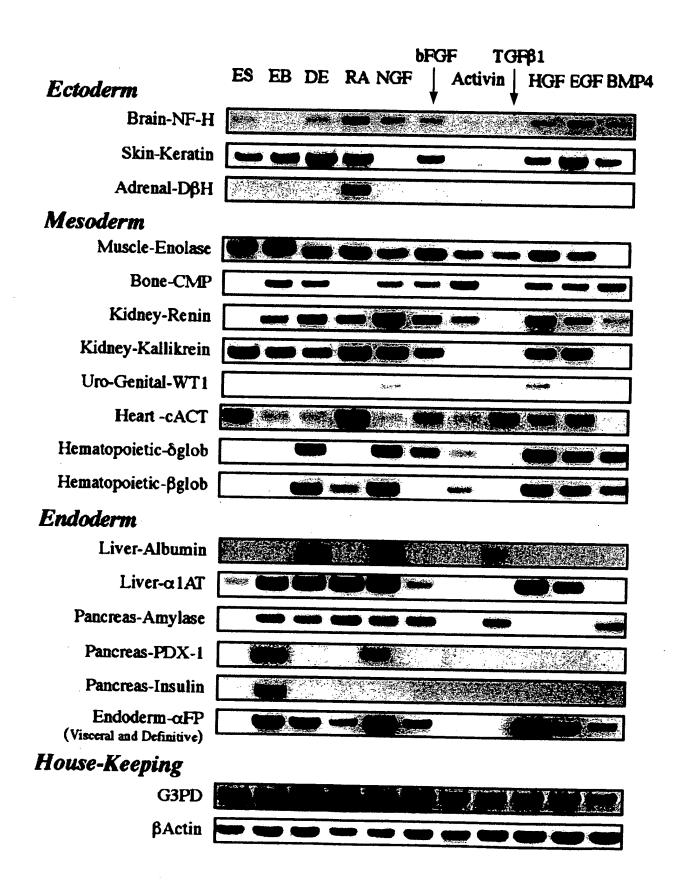


FIG. 3A

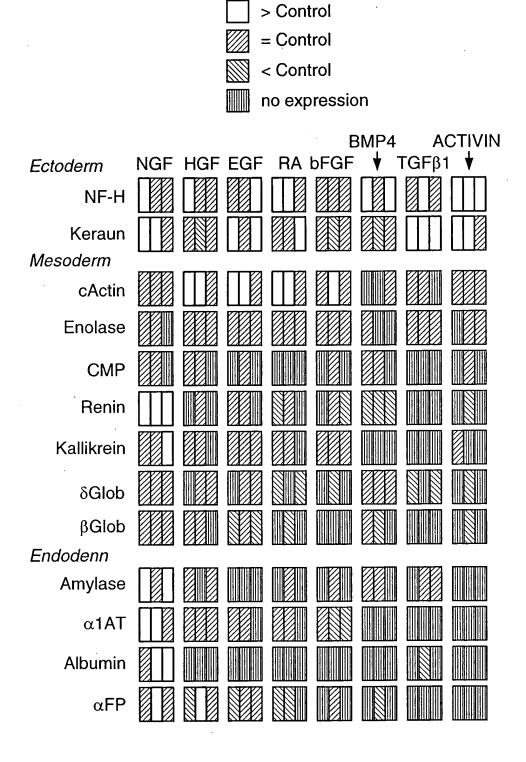
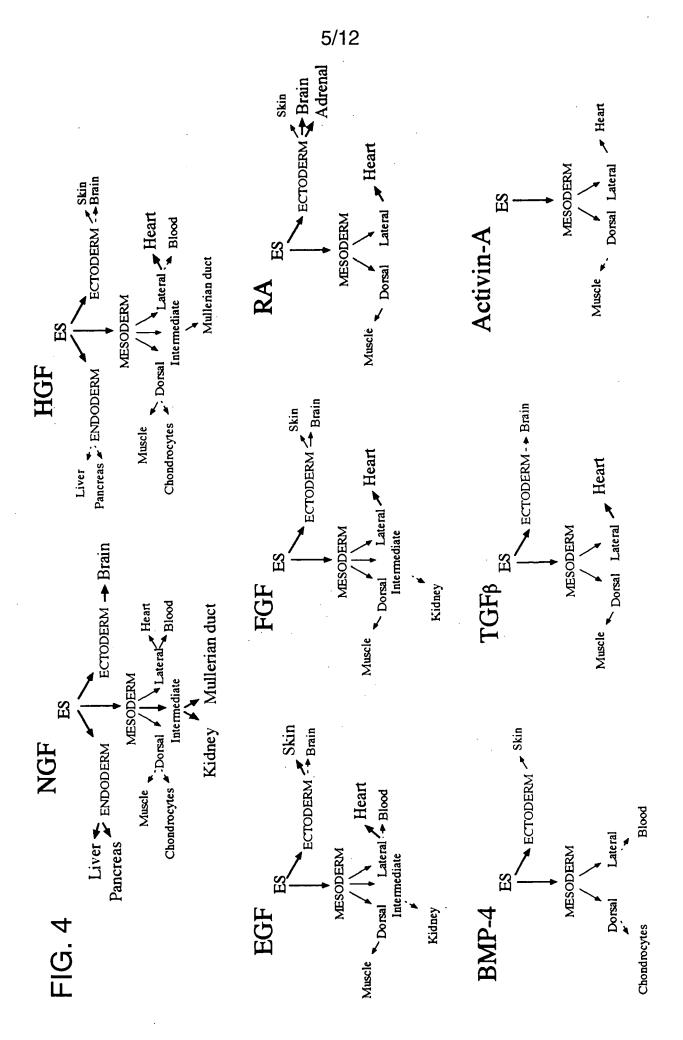


FIG. 3B



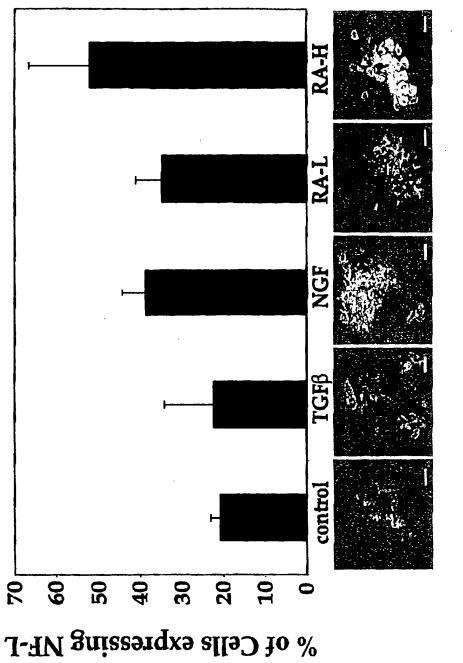
9095	Expected	5. Primer	3' Primer
	Product		
α -feto protein (α FP)	dq089	AGAACCTGTCACAAGCTGTG	CTGAGGATGTC
α 1 anti-trypsin (α 1AT)	360bp	AGACCCTTTGAAGTCAAGGACACCG	CCATTGCTGAAGACCTTAGTGATGC
Activin Receptor type IIB (ACTRIIB)	550bp	ACACGGGAGTGCATCTACTACAACG	TTCATGAGCTGGGCCTTCCAGACAC
Albumin	450bp	CCTTTGGCACAATGAAGTGGGTAACC	andCAGCAGTCAGCCATTTCACCATAGG
Amylase	490bp	GCTGGGCTCAGTATTCCCCAAATAC	GACGACAATCTCTGACCTGAGTAGC
B-Actin	400bp	TGGCACCACACCTTCTACAATGAGC	GCACAGCTTCTCCTTAATGTCACGC
β-Globin (β-Glob)	410bp	ACCTGACTCCTGAGGAGAAGTCTGC	TAGCCACCAGCCACCATTCTG
Bone Morphogenic Protein 4	800bp	TCTGCAGCTAGGTCCTCTCATCAGC	TATACTGCTCCATATCGACCTCGGC
Heceptor type II (BIMIP4RII)			
Cardiac Actin (cACT)	630bp	TCTATGAGGCTACGCTTTG	CCTGACTGGAAGGTAGATGG
Cartilage Matrix Protein (OMP)	620bp	ATGACTGTGAGCAGGTGTGCATCAG	CTGGTTGATGGTCTTGAAGTCAGCC
S-Globin (S-Glob)	430bp	ACCATGGTGCATCTGACTCCTGAGG	ACTTGTGAGCCAAGGCATTAGCCAC
Dopamine β Hydroxylase (DβH)	440bb	CACGTACTGGTGCTACATTAAGGAGC	AATGGCCATCACTGGCGTGTACACC
Enolase	490bp	TGACTTCAAGTCGCCTGATGATCCC	TGCGTCCAGCAAAGATTGCCTTGTC
Epidermal Growth Factor Receptor	300bp	CAGTCGTCAGCCTGAACATAACATOC	AGGTTGCACTTGTCCACGCATTCCC
type (EGFR)			
Fibroblast Growth Factor Receptor type I (FGFRI)	410bp	AGCATCATAATGGACTCTGTGGTGCC	GCATCATAATGGACTCTGTGGTGCC AGTCCGATAGAGTTACCCGCCAAGC
Follicular Stimulating Hormone (FSH)		GTGAGCTGACCAACATCACCATTGC	TTTCACCAAAGGAGCAGTAGCTGGG
Glucagon	370bp	CTCAGTGATCCTGATCAGATGAACG	AGTCCCTGGCGGCAAGATTATCAAG
Glyceraldehyde 3-phosphate	890bp	TGAAGGTCGGAGTCAACGGATTTGGT	CATGTGGGCCATGAGGTCCACCAC
dehydrogenase (G3PD)			
Hepatocyte Growth Factor	440bp	AGAAATTCATCAGGCTGTGAAGCGCG	TTCCTCCGATCGCACACATTTGTCG
Receptor (c-Met)			
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	_	FIG. 5A	

Insulin Kalilkrein Keratin Lipase Myosin light polypeptide2 (myosin) Nerve Growth Factor Receptor (NGFR) Neurofilament Heavy Chain (NFH) Octamer Binding Protein 4 (Oct4) Parathyroid Hormone (PTH)	420bp 480bp 780bp 400bp 410bp 400bp 140bp 290bp	CTGCATCAGAAGAGGCCATCAAGC GTTCATGTCAGTGAGAGCTTCCCAC AGGAAATCATCTCAGGAGGAAGGGC GATTCATCAAGCATCAGTGGCTCC TCCAACGTGTTCTCCATGTTCGAAC TGTTCTCCTGCCAGGACAAGCAGAC TGAACACAGACGCTATGCGCTCAG CGPGAAGCTGAAGGAGGAGGTG	GGCTTTATTCCATCTCTCGGTGC TCACATAAGACAGCACTCTGACGGC AAAGCACAGATCTTCGGGAGCTACC CCAATCGGACTAATTCAGGTGTGCC CTTGTAGTCCAAGTTGCCAGTCACG TCTTGAAGGCTATGTAGGCCACAGGG CACCTTTATGTGAGTGGACACAGAG CAAGGGCCGCAGAGCTTACAGGCCTTACAGGCCTATGTAGTGAAGGCTTACAGAGCTTACAGAGCTTACAGAGAC TCAGCTTTGTCTGCCTCTCCAAGAC
PDX-1 Phosphoprotein enriched in astrocytes(PEA-15) Renin Retinoic Acid Receptor type alpha (RAR) Surfactant Transforming Growth Factor Receptor type II (TGFRII)	230bp 820bp 590bp 500bp 460bp 530bp 450bp	GGATGAAGTCTACCAAAGCTCACGC AGAGTGAGGAGATCACTACTGGCAG AGTCGTCTTTGACACTGGTTCGTCC AGCAGCAGTTCTGAAGAGATAGTGCC TCCAGCTCATCTAGATGAGGAGCTC TAGTCACTGACAACAGGGTGCAGTC TCCTTCATCAAACAGGAGCCGAGC	GAGTGAAGTCTACCAAAGCTCACGC GAGATCTTGATGTCTCTCGGCT GAGTGAGGAGATCTCAGGAAACAGTC GATAGAACCTGGTACTCAGGAAACAGTC GCAGCTCTTTGACACTGGTTCGTCC GTAGAACCTGAGATGTAGATGCC GTAGAACATGAATGCCTCTCAGAATGCCTCCAGAACCTCAGAAGTCACATGAGCTCCATGACTCCATGACTCCATGACTCCATGAGC AGTCACTGACAACAGGAGCCGAGC CCTTCATCAAACAGGAGCCGAGC CTGTAGGGCGTCCTCAGCAAAAGCAAAGG CCTTCATCAAACAGGAGCCGAGC CTGTAGGGCGTCCTCAGCAAAGG

FIG. 5B

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3' Primer	SEQ ID NO: 5	SEQ ID NO: 7	SEQ ID NO: 9	SEQ ID NO: 11	SEQ ID NO: 13	SEQ ID NO: 15	SEQ ID NO: 17	SEQ ID NO: 19	SEQ ID NO: 21	ID NO:	SEQ ID NO: 25	SEQ ID NO: 27	EQ ID NO:	EQ ID NO:	SEQ ID NO: 33	D NO:	SEQ ID NO: 37	Ω NO O	SEQ ID NO: 41		
5' Primer	SEQ ID NO: 4	SEQ ID NO: 6	SEQ ID NO: 8	SEQ ID NO: 10	SEQ ID NO: 12	SEQ ID NO: 14	SEQ ID NO: 16	SEQ ID NO: 18	SEQ ID NO: 20	EQ ID NO:	ID NO:	EQ ID NO:	SEQ ID NO: 28	EQ ID NO:	SEQ ID NO: 32	\Box	SEQ ID NO: 36	Ω	SEO ID NO: 40		
Gene	α -feto protein (α FP)		Activin Receptor type IIB (ACTRIIB)	Albumin	Amylase	B-Actin	β-Globin (β-Glob)	Bone Morphogenic Protein 4 Receptor type II (BMP4RII)	Cardiac Actin (cACT)	Cartilage Matrix Protein (OMP)	8-Globin (8-Glob)	Dopamine β Hydroxylase (DβH)	Enolase	Epidermal Growth Factor Receptor type (EGFR)	Fibroblast Growth Factor Receptor type I (FGFRI)	Follicular Stimulating Hormone (FSH)	Glucagon	Glyceraldehyde 3-phosphate	Hepatocyte Growth Factor	Receptor (c-Met)	

doub series	SEQ ID NO: 43 SEQ ID NO: 45 SEQ ID NO: 47 SEQ ID NO: 49		SEQ ID NO: 55 SEQ ID NO: 57 SEQ ID NO: 59	SEQ ID NO: 61 SEQ ID NO: 63	SEQ ID NO: 65 SEQ ID NO: 67	SEQ ID NO: 69 SEQ ID NO: 71	SEQ ID NO: 73
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He dead of with the fact with	Insulin Kalilkrein Keratin Lipase	Myosin light polypeptide2 (myosin) Nerve Growth Factor Receptor (NGFR)	Neurofilament Heavy Chain (NFH) Octamer Binding Protein 4 (Oct4) Parathyroid Hormone (PTH)	PDX-1 Phosphoprotein enriched in	Renin Retinoic Acid Receptor type alpha	Surfactant Transforming Growth Factor	WT1



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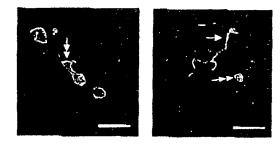


FIG. 7A

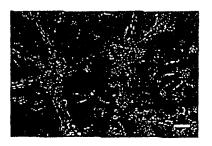


FIG. 7B

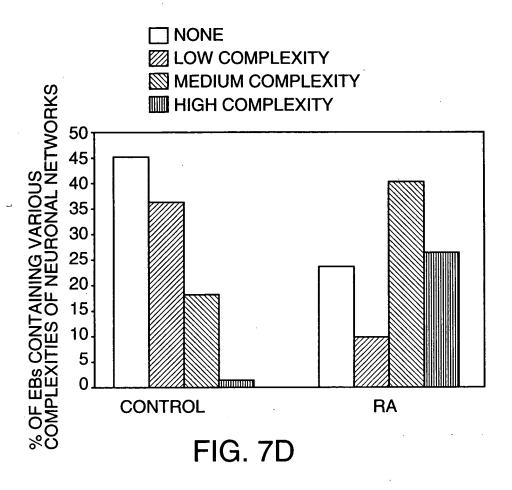






FIG. 7C

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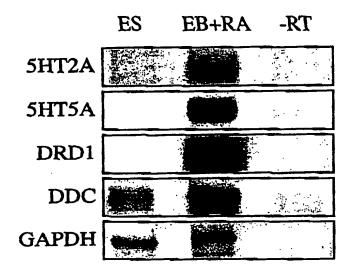


FIG. 8